**Earth Science Earthquakes and Society (12.3 Outline)**

***AS YOU READ, RESPOND TO THE FOLLOWING:***

*Vocabulary*: **Define in your own words**

Tsunami-

Seismic Gap

*Respond to the following:*

Explain how tsunamis are related to earthquakes. Be specific in your description (2 pts)

Describe two possible effects of a major earthquake on buildings. (2 pts)

What are three safety techniques to prevent injury caused by earthquake activity? (3 pts)

What are four methods scientists use to forecast earthquake risks? Describe each method in detail. (4 pts)

Describe how identifying seismic gaps may help scientists predict earthquakes. Be specific in your answer. (1 pt)

What changes in rocks might signal an earthquake? (2 pts)

***ABOUT THE READING:***

Write two things that you learned about Earthquakes from the reading.

1.

2.